Life of Narmada dam and Sardar Sarovar Dam

455. SHRI CHIMANBHA[MEHTA: Will the Minister of *WATER* RESOURCES be pleased to state:

(a) what is the estimated life of Narmada Project dam and Sardar Sarovar Project Dam;

(b) whether it is a fact that environmentalists are giving very low figures and experts, high figures about the life of the dams;

(c) what is the estimated life of a big and medium dam in India;

(d) whether silting is the main cause for constant and increasing reduction in storage capacity of dam water; and

(e) whether Governmnet are encouraging any research on the adverse impact of silting; if so, what are the details in this regard?

THE MINISTER OF WATER RE SOURCES WITH ADDITIONAL CHARGE OF THE MINISTRY OF SUR FACE TRANSPORT (SHRI MANUBHAI KOTADIA) (a) The estimated life of the Narmada Sagar Project is 100 years and that of Sardar Sarovar Project is more than 300 years.

(b) Yes, Sir.

(c) About 100 years.

(d) The silting "factor is taken into account while designing the capacity of the reservoir and dead storage is provided for the same. Thus utilisabie storage is not expected to be depleted to a*ny* significant extent during the designed life of the Project.

(e) Several research schemes have been undertaken including a UNDP Scheme on Sedimentation of Reservoir in India besides other research studies on reservoir sedimentation.

12.00 Noon (The Duputy Chairman in the Chair)

PAPERS LAID ON HIE TABLE

I Administration Report (1989-90) of the Paradip Port Trust, Paradip and related papers.

II Administration Report (1989-90) of the New Mangalore Port Trust, Panambur and related papers.

III Report and Accounts (1989-90) of the Mormugao Dock Labour Board, Mormugao and rented papers.

IV Report and Accounts (1989-90) of the Betwa River Board Jhansi, related papers.

V Notifications of the Ministry of Surface Transport.

THE MINISTER OF WATER RE SOURCES WITH ADDITIONAL CHARGE OF THE MINISTRY OF SUR FACE TRANSPORT (SHR[MANUBHAI KOTADIA): Madam I lay on the Table a copy each (in English and Hindi) of the following papers under section 106 of the Major Port Trusts Act, 1963:—

I (a) Annual Administration Report of the Paradip Port Trust, Paradip for the year 1989-90.

(b) Review by Government on the working of the Port Trust.

[Placed in Library, See No. LT-2221/91 for (a) and (b)]

II (a) Annual Administration Report of the New Mangalore Port Trust, Panambur for the year 1989-90.

(b) Review by Government on the working of the Port Trust. [Placed in Library. *See No,* LT-2221/91 for (a) and (b)]

(2) Statements (in English and Hindi) giving reasons for the delay in laying the papers mentioned at (i) and (ii) above.

III A copy each (in English and Hindi) of the following papers, under section 5E of the Workers (Regulation of Employment) Act, 1948.-—

(i) Annual Report and Accounts of the Mormugao Dock Labour Board, Mormugao. for the year 1989-90, to-